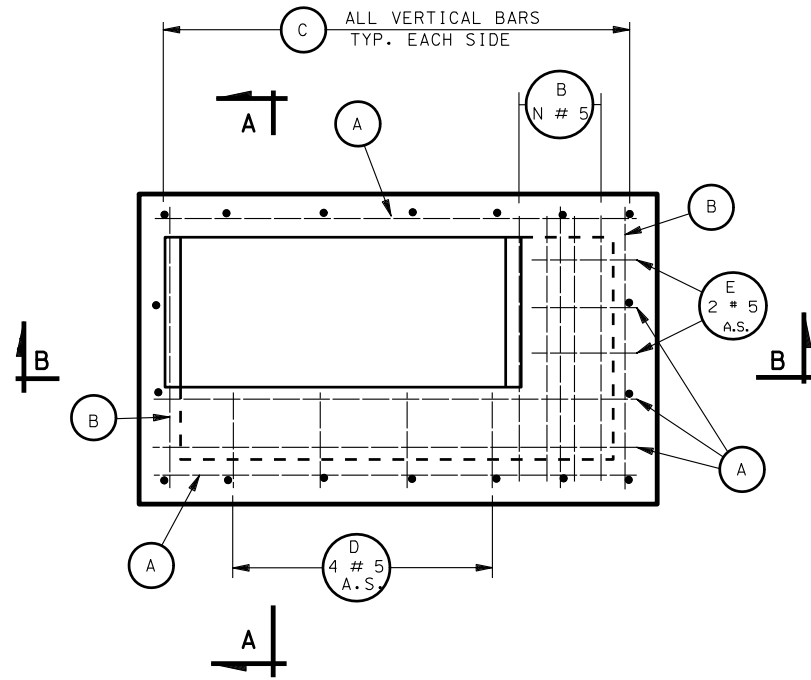
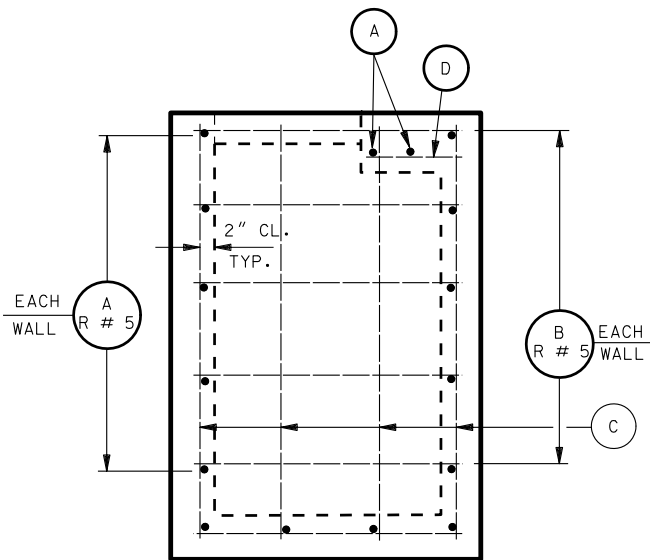


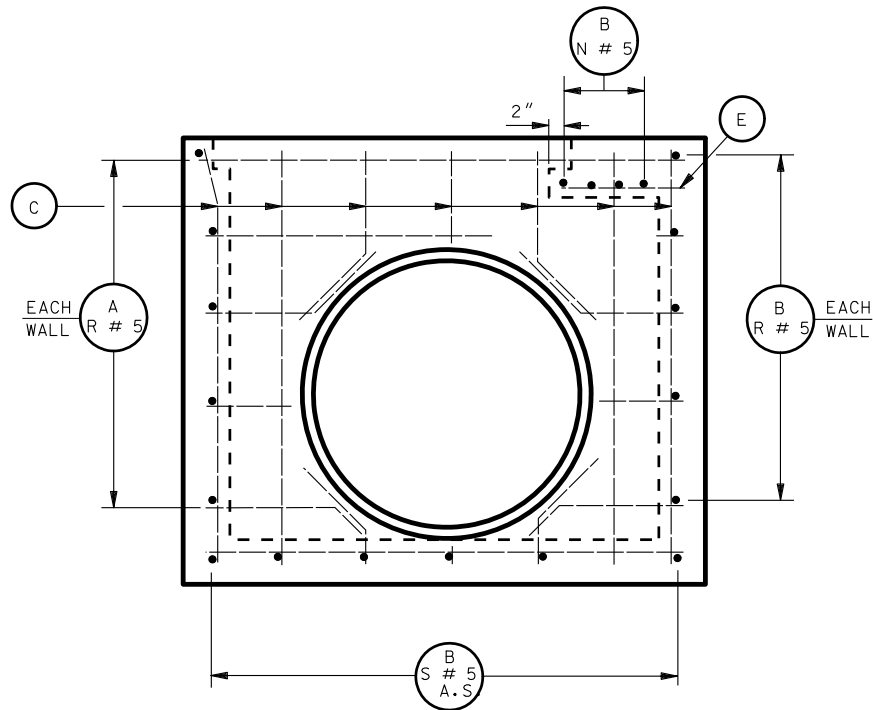
PLAN BOTTOM SLAB



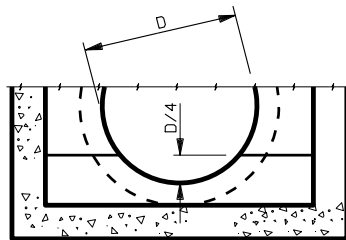
PLAN TOP SLAB



SECTION A-A



SECTION B-B



FORMED INVERT

NOTES:

1. QUANTITIES SHOWN IN THE SCHEDULE OF INSTALLATION ARE FOR ONE UNIT ONLY.
2. FORM THE BOTTOM SLAB OF THE BOX TO FIT THE INVERT OF THE PIPE(S) WHEN SO REQUIRED ACCORDING TO THE DETAIL SHOWN ON THIS SHEET. SEE TABLE 3 ON STD DWG CB 10C FOR ADDITIONAL CONCRETE QUANTITIES.
3. DEDUCT CONCRETE DISPLACED BY PIPE(S) FROM THOSE CONCRETE QUANTITIES GIVEN IN SCHEDULE OF TABLE 1 ON STD DWG CB 10C.
4. WHEN FORMED INVERT IS REQUIRED, SEE TABLE 3 ON STD DWG CB 10C FOR ADDITIONAL CONCRETE QUANTITIES.
5. PROVIDE 2" CONCRETE COVER TO REINFORCING STEEL EXCEPT WHERE NOTED OTHERWISE.
6. UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE OUT TO OUT OF BARS.
7. WEIGHT QUANTITIES FOR GRATE AND FRAME, AND SOLID COVER AND FRAME ARE SHOWN FOR INFORMATION ONLY.
8. SEE STD DWG CB 10A FOR DIMENSIONS.
9. PIPE DIAMETERS SHOWN IN TABLES AND SCHEDULE ARE INSIDE DIAMETERS.
10. MAXIMUM PIPE DIMENSIONS SHOWN IN SCHEDULE OF INSTALLATION ARE FOR PIPES PERPENDICULAR TO WALLS OF BOX. DETERMINE CLEARANCES FOR SKEWED PIPES.
11. SEE STD DWG GF 6 FOR MANHOLE STEP DETAILS.
12. USE #5 BARS FOR ALL REINFORCING @ 12" UNLESS OTHERWISE SHOWN.
13. WHEN SOLID COVER IS REQUIRED, ADD .023 CU.YDS. OF CONCRETE TO THOSE QUANTITIES GIVEN IN SCHEDULE OF INSTALLATION AND ADD 3" TO EACH D-BAR, AND 1.0 LB TO REINFORCING STEEL QUANTITIES.
14. USE COATED DEFORMED BILLET REINFORCING STEEL BARS CONFORMING TO AASHTO M 284, OR M 111 AND M 31 GRADE 60 RESPECTIVELY.
15. CHAMFER ALL EXPOSED CONCRETE CORNERS $\frac{3}{4}$ " EXCEPT WHERE NOTED OTHERWISE.
16. USE CLASS AA(AE) CAST CONCRETE EXCEPT WHERE SPECIFIED OTHERWISE.

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AND CLEANOUT BOX
SECTION DETAILS

STD DWG
CB 10B

STANDARD DRAWING TITLE

REVISIONS

REMARKS

NO. DATE APPR.